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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|----------------------------|------------------|
| 09/994,917 | 11/28/2001 | Shinichi Kikuchi | P 284178 T4KM-01S0956-1 | 7403 |
| 909 | 7590 | 03/22/2006 | EXAMINER SHIBRU, HELEN | |
| PILLSBURY WINTHROP SHAW PITTMAN, LLP P.O. BOX 10500 MCLEAN, VA 22102 | | | ART UNIT 2621 | |
| PAPER NUMBER | | | | |

DATE MAILED: 03/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|--------------------------------------|---------------------------------------|--|
| Office Action Summary | Application No. 09/994,917 | Applicant(s) KIKUCHI ET AL. | |
| | Examiner HELEN SHIBRU | Art Unit 2616 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>04/05, 10/04, 07/03</u> . | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-17 are rejected under 35 U.S.C. 102(b) as being anticipated by Lynch (US Pat. No. 5,438,423).

Regarding claim 1, Lynch discloses a recording section configured to record an external input signal (see components 22, 24 and 16);

a display signal output section configured to process at least one of said external input signal and a reproduction signal of information recorded by said recording section, and to output a display signal (see component 20 and col. 2 lines 48-68 and claims 1 and 3); and

a controller configured to control said recording section to record said external input signal in response to a predetermined temporary interruption setting signal supplied while said display signal output section processes said external input signal to output said display signal (see component 26 and col. 2 lines 30-43 and col. 3 lines 1-21, and claim 1).

Regarding claim 2, Lynch discloses controller is configured to control said display signal output section to output a predetermined pause signal in response to said temporary interruption setting signal supplied while said display signal output section processes said external input signal to output said display signal (see component 34 and col. 3 lines 1-21 and claim 5).

Regarding claim 3, Lynch discloses an encoder configured to supply a recording signal obtained by encoding said external input signal a predetermined recording format to said recording section (see component 14, col. 2 lines 16-43 and claim 2);

a decoder configured to supply a decoded signal obtained by decoding said reproduction signal of the information recorded by said recording section to said display signal output section (see component 18, col. 2 lines 39-59 and claim 2).

Regarding claim 4, Lynch discloses controller is configured to control said encoder so as to encode said recording signal and to output an encoded signal as said display signal via said display signal output section, when a temporary interruption state by said temporary interruption setting signal canceled (see component 34 and col. 3 lines 1-21 and lines 39-65, and claim 5).

Regarding claim 5, Lynch discloses controller is configured to enable fast-forward reproducing of the recorded information by said decoder, when a time difference between a reproducing time of the information recorded by said recording section and the present time indicates a predetermined or more value, and to disable said fast-forward reproducing when said time difference smaller than said predetermined value (see component 26 and col. 2 lines 30-43 and col. 3 lines 1-21 and lines 22-38, and claim 1).

Regarding claim 6, Lynch discloses display signal output section is configured to mix information the present time with said display signal, when said encoded signal is outputted as said display signal (see claims 3 and 7).

Regarding claim 7, Lynch discloses recording section includes a hard disk drive (see col. 2 lines 9-29).

Regarding claim 8, Lynch discloses Lynch discloses recording section includes an optical disc drive (see col. 2 lines 9-29).

Claim 9 is rejected for the same reason as discussed in claim 1 above.

Regarding claims 10-17, the limitations of claims 10-17 can be found in claims 1-8. Therefore claims 10-17 are analyzed and rejected for the same reason as discussed in claims 1-8 above.

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-2, 7, 9-11, and 16 are rejected under 35 U.S.C. 102(e) as being anticipated by Ahmad (US Pat. No. 6,259,441).

Regarding claim 1, Ahmad discloses a recording section configured to record an external input signal (see claim 1 and col. 5 lines 61-66);

a display signal output section configured to process at least one of said external input signal and a reproduction signal of information recorded by said recording section, and to output a display signal (see col. 5 line 5-col. 6 line 27 and claim 1); and

a controller configured to control said recording section to record said external input signal in response to a predetermined temporary interruption setting signal supplied while said display signal output section processes said external input signal to output said display signal (see col. 5 lines 15-35 and claim 1).

Regarding claim 2, Ahmad discloses controller is configured to control said display signal output section to output a predetermined pause signal in response to said temporary interruption setting signal supplied while said display signal output section processes said external input signal to output said display signal (see fig. 2 and col. 5 line 61-col. 6 line 5).

Regarding claim 7, Ahmad discloses recording section includes a hard disk drive (see col. 6 lines 28-36 and fig. 4 components 410-412).

Claims 9 and 10 are rejected for the same reason as discussed in claim 1 above.

Claims 11, and 16 are rejected for the same reason as discussed in claims 2, and 7 respectively above.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

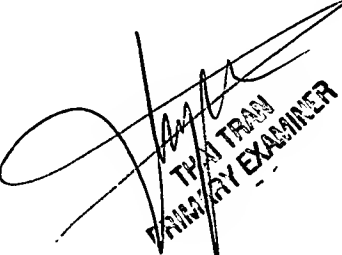
Russo et al. (US Pat. No. 5,701,383).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HELEN SHIBRU whose telephone number is (571) 272-7329. The examiner can normally be reached on M-F, 8:30AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, THAI Q. TRAN can be reached on (571) 272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Helen Shibru
March 14, 2006



TRAN TRAN
PRIMARY EXAMINER